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IAP5 Rec'd PCT/PTO 25 JAN 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92714

Hiroshi KANETA

Appln. No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: January 25, 2006

Examiner: Not Yet Assigned

For: LITHIUM ION SECONDARY BATTERY

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Publication No. 2003-229117, published August 15, 2003 (with English Abstract).
2. Japanese Patent Publication No. 2003-346798, published December 5, 2003 (with English Abstract).
3. Japanese Patent Publication No. 2003-338275, published November 28, 2003 (with English Abstract).

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP2004/010460

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4. Japanese Patent Publication No. 2004-47161, published February 12, 2004 (with English Abstract).
5. Japanese Patent Publication No. 2004-79481, published March 11, 2004 (with English Abstract).
6. Japanese Patent Publication No. 2003-187781, published July 4, 2003 (with English Abstract).
7. Japanese Patent Publication No. 2002-252036, published September 6, 2002 (with English Abstract).
8. Japanese Patent Publication No. 2002-251989, published September 6, 2002 (with English Abstract).
9. Japanese Patent Publication No. 8-273702, published October 18, 1996 (with English Abstract).
10. Japanese Patent Publication No. 2003-208895, published July 25, 2003 (with English Abstract).
11. Japanese Patent Publication No. 2003-217594, published July 31, 2003 (with English Abstract).
12. Japanese Patent Publication No. 2002-352863, published December 6, 2002 (with English Abstract).
13. Japanese Patent Publication No. 2003-187857, published July 4, 2003 (with English Abstract).
14. Japanese Patent Publication No. 9-259859, published October 3, 1997 (with English Abstract).

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP2004/010460

One copy of each of the listed documents is submitted herewith, except for those listed in the International Search Report. It is assumed that copies of the cited references from the International Search Report will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents Applicant submits the International Search Report which cites reference Nos. 1-13 and indicates the degree of relevance found by the Foreign Office. Applicant also states that reference No. 14 is discussed within the specification beginning at page 7, line 4.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.


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Respectfully submitted,

  
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Date: January 25, 2006

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| Substitute for Form 1449 A & B/PTO<br><br><b><u>INFORMATION DISCLOSURE</u></b><br><b><u>STATEMENT BY APPLICANT</u></b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | Complete & Known       |                  |
|  |   |    |   | Application Number     | Not Yet Assigned |
|  |   |    |   | Confirmation Number    | Not Yet Assigned |
|  |   |    |   | Filing Date            | January 25, 2006 |
|  |   |    |   | First Named Inventor   | Hiroshi KANETA   |
|  |   |    |   | Art Unit               | Not Yet Assigned |
|  |   |    |   | Examiner Name          | Not Yet Assigned |
| Sheet  | 1 | of | 1 | Attorney Docket Number | Q92714           |

| U.S. PATENT DOCUMENTS |                       |                 |                                      |                                |   |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|                       |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                       |                       | US              |                                      |                                |   |
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| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                      |                                |   |                          |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
|                          |                       | JP                        | 2003-229117         | A                                    | 08-15-2003                     | NEC CORP  | Abstract                 |
|                          |                       | JP                        | 2003-346798         | A                                    | 12-05-2003                     | NEC CORP  | Abstract                 |
|                          |                       | JP                        | 2003-338275         | A                                    | 11-28-2003                     | NISSAN MOTOR CO LTD                             | Abstract                 |
|                          |                       | JP                        | 2004-47161          | A                                    | 02-12-2004                     | NISSAN MOTOR CO LTD                             | Abstract                 |
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|                          |                       | JP                        | 2003-187781         | A                                    | 07-04-2003                     | SONY CORP                                       | Abstract                 |
|                          |                       | JP                        | 2002-252036         | A                                    | 09-06-2002                     | MITSUBISHI MATERIALS CORP                       | Abstract                 |
|                          |                       | JP                        | 2002-251989         | A                                    | 09-06-2002                     | MITSUBISHI MATERIALS CORP                       | Abstract                 |
|                          |                       | JP                        | 8-273702            | A                                    | 10-18-1996                     | HITACHI LTD                                     | Abstract                 |
|                          |                       | JP                        | 2003-208895         | A                                    | 07-25-2003                     | TOYOTA CENTRAL RES & DEV LAB INC                | Abstract                 |
|                          |                       | JP                        | 2003-217594         | A                                    | 07-31-2003                     | NISSAN MOTOR CO LTD                             | Abstract                 |
|                          |                       | JP                        | 2002-352863         | A                                    | 12-06-2002                     | NGK INSULATORS LTD                              | Abstract                 |
|                          |                       | JP                        | 2003-187857         | A                                    | 07-04-2003                     | NISSAN MOTOR CO LTD                             | Abstract                 |
|                          |                       | JP                        | 9-259859            | A                                    | 10-03-1997                     | TOSHIBA BATTERY CO LTD                          | Abstract                 |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                          |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.